

ABSTRACT OF THE DISCLOSURE

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METHOD AND SYSTEM FOR MANAGING RESOURCES
USING GEOGRAPHIC LOCATION INFORMATION
WITHIN A NETWORK MANAGEMENT FRAMEWORK

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A method, system, apparatus, and computer program product is presented for management of a distributed data processing system on behalf of a plurality of management customers. Endpoint objects, system objects, and network objects are logically organized into a set of scopes that do not logically overlap. An administrative user may dynamically reconfigure logical networks within the distributed data processing system while managing the logical networks for a set of customers. The network management system is able to provide security while allowing for dynamic changes in location of devices. A geographic location identifier is automatically generated for an endpoint based on the endpoint's MAC address and its relation to a router within its network, thereby uniquely identifying the endpoint using the endpoint's hardware MAC address in conjunction with its geographic location. Security-related commands are implemented such that actions can be authorized with respect to geographic locations.

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